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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/764,301	01/19/2001	Shinichiro Nishizawa	1086.1132/JDH	6749

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WASHINGTON, DC 20005

EXAMINER
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BASHORE, WILLIAM L

ART UNIT	PAPER NUMBER
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2176

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/21/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

09/764,301

Applicant(s)

NISHIZAWA, SHINICHIRO

Examiner

William L. Bashore

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-12 and 14-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-12 and 14-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is responsive to communications: amendment filed 12/19/2006, to the original application filed 1/19/2001. Foreign priority filing date of **7/10/2000**.
2. Claims 1, 3-12, and 14-28 pending. Claims 1, 12, and 23-28 are independent claims. Please note that the new examiner of record for this case is William L. Bashore. Please update future correspondence accordingly.

#### *Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 1, 3-10, 12, 14-21, and 23-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Levinson, U.S. Patent No. 6,047,260, in view of Frid-Nielsen et al. ("Frid"), U.S. Patent No. 5,519,606.**

**Regarding independent claim 1**, Levinson discloses a schedule managing apparatus for managing schedules (see Abstract), comprising:

➤ *a schedule classifying unit which classifies an inputted schedule into any type of a term type schedule (see col. 10, lines 12-39: Levinson teaches an intelligent planning and calendaring system with floating tasks) in which designated date/time is set to a term of an operation (see col. 10, lines 12-39: Levinson teaches an earliest start time and a latest stop time) or a period type schedule (see col. 16, lines 1-43: Levinson teaches a fixed task type schedule) in which a designated certain period is assured*

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*for the operation (see col. 6, lines 35-50: Levinson teaches a planned start/stop time) on the basis of information of said inputted schedule (col. 6, lines 35-50; col. 10, lines 12-39; col. 16, lines 1-43); and*

*➤ a schedule adjusting unit which adjusts the schedules under different conditions in accordance with a combination of the schedule types of the term type and the term type, the period type and the period type, or the period type and the term type (see Abstract, col. 3 lines 64 et seq.; col. 10 lines 12-20 and col. 16 lines 1-43: Levinson teaches adjusting schedules with floating and fixed task type schedules or tasks), in a case where said inputted schedule overlaps with an existing schedule with respect to the time (col. 4, lines 34-37; cols. 17-19).*

Levinson does not explicitly disclose “*maintains overlapped term type schedules and the schedules are adjusted without requiring an input from a user.*” However, Frid discloses that events may overlap one another, whereby the duration lines are drawn in an overlapping fashion. A user then has the option of reconciling this conflict or maintaining the overlapped schedule. If the user wishes to reconcile the conflict, the user can input his preference to reconcile the conflict or make an event exclusive. If the user wishes to maintain the overlapped schedules (which is the Frid-Nielson system default) (see col. 4 lines 56-58), the user simply refrains and does not intercede (see col. 5 lines 52-64, and Fig. 3E).

Since both references from the same field of endeavor, the motivational purpose of more providing more efficient means for reconciling ordinal information, especially time-based information as disclosed by Frid would have been recognized in the pertinent art of Levinson. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the teaching of Levinson with the teachings of Frid to include maintaining overlapped schedules.

**Independent claims 12, 23, and 27** contain substantially similar subject matter and are rejected along the same rationale as independent claim 1.

**Regarding claims 3 and 14**, Levinson further discloses a schedule managing apparatus and method, wherein the inputted schedule is classified into any type of said term type schedule or said period type schedule on the basis of items regarding date/time, place, and contents included in the inputted new schedule (see col. 14, line 51 to col. 15, line 23; see also Figures 11-14 → i.e. date, time, duration, where, etc).

**Regarding claims 4 and 15**, Levinson discloses a schedule managing *apparatus and method*, wherein the inputted schedule is classified into any type of said term type schedule or said period type schedule on the basis of schedule information including an item regarding date/time, an item regarding a place, an item regarding persons concerned, an item regarding the contents, an item regarding priority, and an item including a schedule adjustment regarding a system which are inputted to a ToDo list (see col. 3, lines 64 *et seq.*; col. 9, lines 47-66; col. 14, line 51 through col. 15, line 23; see also Figures 11-14, 19-25 → i.e. names, goals (priorities), addresses, phone numbers, directions, schedule adjustment, etc.).

**Regarding claims 5 and 16**, Levinson discloses a schedule managing *apparatus and method*, wherein in the case where the inputted new schedule and the existing schedule are the *term type schedules* (i.e. floating tasks) and terms of both of said schedules *overlap*, the new schedule is assembled *as it is without adjusting both of said schedules* (see cols. 17-19: Levinson teaches that when floating tasks overlap, their original start times and stop times are left as is; the order of the tasks within the start and stop times might be adjusted if there exists a priority weight difference between tasks).

**Regarding claims 6 and 17**, Levinson discloses a schedule managing *apparatus and method*, wherein in the case where the inputted new schedule and the existing schedule are the *period type schedules* (i.e. fixed

tasks) and periods of both of said schedules *overlap*, the schedules is adjusted so as to leave the schedule of *high priority* (see col. 10, lines 4-8, 34-37; cols. 17-19: Levinson teaches that with fixed tasks, the task with higher priority preempts the fixed task with lower priority).

**Regarding claims 7 and 18**, Levinson discloses a schedule managing *apparatus and method*, wherein in the case where *priority* of the inputted new schedule and that of the existing schedule are the *same*, the schedule selected in accordance with a *preset condition is left* (see col. 9, lines 2-7, 33-46; col. 13, lines 50-52 *et seq.*: Levinson teaches a system or planner can preset scheduling conditions).

**Regarding claims 8 and 19**, Levinson discloses a schedule managing *apparatus and method*, wherein as a condition in the case where the priority is the same, a *user's selection, a selection of the existing schedule, or a selection of the new schedule is set* (col. 10, lines 2-4; col. 12, lines 4-6; col. 19, lines 24-31; see also Table 7: Levinson teaches that schedule conflicts can be resolved based upon user's selection).

**Regarding claims 9 and 20**, Levinson discloses a schedule managing *apparatus and method*, wherein in the case where one of the inputted new schedule and the existing schedule is a period type schedule and the other is the term type schedule, *if priority of the term type schedule is high, the schedules are adjusted so as to move the term type schedule to a period start position of the period type schedule* (see col. 10, lines 4-8, 34-37; cols. 17-19: Levinson teaches that the tasks with higher priority preempts or delays the tasks with lower priority).

**Regarding claims 10 and 21**, Levinson discloses a schedule managing *apparatus and method*, wherein when the *priority* of the term type schedule is *low*, the schedules are adjusted so as to move the term type schedule to a period *end position* of the period type schedule (see col. 9, lines 53-62; cols. 17-19 → Levinson

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teaches that low priority tasks are either delayed to the end of the schedule or cancelled altogether if no time remains in the schedule).

**Claims 24-26, 28** incorporate substantially similar subject matter as claim 1, and in further view of the following, are rejected along the same rationale.

Regarding claim 28, Levinson discloses wherein the inputted schedule is classified into any type of said term type schedule or said period type schedule on the basis of items regarding date/time, place, and contents included in the inputted new schedule (see col. 14, line 51 to col. 15, line 23; see also Figures 11-14 → i.e. date, time, duration, where, etc) and the schedule is selected in accordance with a *preset condition is left* (see col. 9, lines 2-7, 33-46; col. 13, lines 50-52 *et seq.*: Levinson teaches a system or planner can preset scheduling conditions).

5. **Claims 11 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Levinson, U.S. Patent No. 6,047,260, in view of Frid-Nielsen et al. ("Frid"), U.S. Patent No. 5,519,606, in further view of Tracy Marks ("Marks"), Windows 95 ® Manual ([www.windweaver.com/w95man.htm](http://www.windweaver.com/w95man.htm)), last updated on May 18, 1997.**

**Regarding claims 11 and 22**, Levinson, in view of Frid, disclose a schedule managing *apparatus and method* as explained with respect to claims 1, 2, 9, 12, 13, and 20 above, but does not specifically disclose storing the schedule deleted by the adjustment of said schedules and a position before the adjustment of the schedule moved due to the adjustment of the schedules, and when the existing schedule is deleted, referring to a stored history and performing a recovery of the schedule deleted due to the schedule adjustment or a return of the schedule to an initial position moved due to the schedule adjustment.

However, Marks discloses a Recycling Bin wherein when you choose to delete files Windows sends the files to a “recycling bin” rather than permanently deleting files so that you can later restore the files to their original locations for the purpose of avoiding accidental deletion of important files (see LESSON THREE: Managing Files → A. Recycling Bin).

It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the teaching of Levinson, in view of Frid, with the teachings of Marks to include a storage for deleted schedules that can later be recovered to its original position for the purpose of avoiding accidental deletion of important scheduled events.

#### ***Response to Arguments***

6. Applicant's arguments filed on 12/19/2006 have been fully and carefully considered but they are not persuasive.

Applicant argues that the cited art of record does not teach Applicant's claimed invention as currently claimed. The examiner respectfully disagrees. Frid discloses that events may overlap one another, whereby the duration lines are drawn in an overlapping fashion. A user then has the option of reconciling this conflict or maintaining the overlapped schedule. If the user wishes to reconcile the conflict, the user can input his preference to reconcile the conflict or make an event exclusive. If the user wishes to maintain the overlapped schedules (which is the Frid-Nielson system default) (see col. 4 lines 56-58), the user simply refrains and does not intercede (see col. 5 lines 52-64, and Fig. 3E). Therefore, the Frid patent teaches that schedules are adjusted “*without requiring input from a user*”. It is the examiner's opinion that if the scheduling conflict is maintained, then the overlapping of schedules is a form of “adjustment”, both in general acceptance of all overlapping, as well as in all separate schedules adjustment of acceptance that overlapping is present.



***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William L. Bashore whose telephone number is (571) 272-4088. The examiner can normally be reached on 1:00pm - 9:30pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000

*William L. Bashore*  
**WILLIAM BASHORE**  
**PRIMARY EXAMINER**

March 18, 2007